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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/986,253

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Tomoyuki Ohno

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EXAMINER

MILIA, MARK R

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

08/21/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

09/986,253

Applicant(s)

OHNO ET AL.

Examiner

Mark R. Milia

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 July 2007.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 69-80 and 82 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 69-80 and 82 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/2/07 has been entered. Currently, claims 69-80 and 82 are pending.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 69 and 75 have been considered but are moot in view of the current amendments to the claims and therefore a new ground(s) of rejection will be made.

### ***Claim Rejections - 35 USC § 103***

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

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4. Claims 69-72, 74-78, 80 and 82 are rejected under 35 U.S.C. 103(a) as being unpatentable over Narushima (US 6870571) in view of U.S. Patent No. 6,695,494 to Ihara et al.

Regarding claims 69, 75, and 82, Narushima discloses a television broadcasting data receiving apparatus, comprising: a receiving unit adapted to receive television broadcasting data which includes an image data of a broadcasting program, a printing data related to the broadcasting program, and print information indicating the printing data (see column 4 lines 49-55, column 8 lines 15-20, column 9 line 21-column 11 line 5, and column 25 line 43-column 26 line 40, reference states that SI information is decoded and displayed, SI information includes EPG information as well as other pieces of information, which could be information related to printing information), a print controlling unit adapted to output the printing data included in the television broadcast received by said received unit to a printing apparatus (see column 22 line 49-column 23 line 22), an acquiring unit adapted to extract the print information from in the television broadcasting data received by said receiving unit (see column 9 line 21-column 11 line 5, column 15 lines 5-36, column 16 line 46-column 17 line 6, column 21 line 64-column 23 line 35, and column 25 line 43-column 26 line 40), and a display control unit adapted to output, to a display device, display data for displaying the contents of print information (see column 10 line 52-column 11 line 5, column 11 lines 19-30, column 13 lines 16-56, and column 14 lines 38-54).

Narushima does not disclose expressly print additional information indicating an attribute of the printing data and a display control unit adapted to generate display data

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on the basis of the print additional information acquired by said acquiring unit and output, to a display device, the display data together with the image data included in the television broadcasting data received by said receiving unit.

Ihara discloses print additional information indicating an attribute of the printing data (see column 6 lines 24-29) and a display control unit adapted to generate display data on the basis of the print additional information acquired by said acquiring unit and output, to a display device, the display data together with the image data included in the television broadcasting data received by said receiving unit (see Fig. 44, column 6 lines 36-44, column 10 lines 10-19 and 37-44, column 12 lines 52-62, and column 19 lines 38-57).

Narushima & Ihara are combinable because they are from the same field of endeavor, displaying and printing of desired information.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the display print attribute information, as described by Ihara, with the system of Narushima.

The suggestion/motivation for doing so would have been to provide a user friendly and familiar display of print job attributes that is similar to conventional personal computers and workstations commonly used in an office environment.

Therefore, it would have been obvious to combine Ihara with Narushima to obtain the invention as specified in claims 69, 75, and 82.

Regarding claims 70 and 76, Narushima further discloses wherein the print additional information includes at least one of information indicating a print sheet size of the printing data, information indicating the number of the print sheets of the printing data, and information indicating the type of the printing data (see column 9 line 21-column 11 line 5, column 15 lines 5-36, column 16 line 46-column 17 line 6, column 21 line 64-column 23 line 35, and column 25 line 43-column 26 line 40).

Regarding claims 71 and 77, Narushima further discloses an accepting unit adapted to accept a printing instruction from a user (see column 13 lines 35-43 and column 15 lines 5-36), wherein said print controlling unit is adapted to perform the output of the printing data to the printing apparatus on the basis of the printing instruction (see column 16 line 46-column 17 line 6 and column 22 line 49-column 23 line 35), wherein said accepting unit accepts the printing instruction from the user in a period during which said display controlling unit effects a display which indicates that there is printing data (see column 15 lines 5-45 and column 21 line 64-column 23 line 35). Ihara further discloses wherein the print additional information includes information indicating whether there is the printing data and a display which indicates that there is printing data, on the basis of the print additional information (see Fig. 44, column 6 lines 36-44, column 10 lines 10-19 and 37-59, column 12 lines 52-62, and column 19 lines 38-57).

Regarding claims 72 and 78, Narushima further discloses an accepting unit adapted to accept a storing instruction from a user (see column 13 lines 35-43 and column 15 lines 5-36), and a storage controlling unit adapted to store the printing data in

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a storage unit on the basis of the storing instruction (see Figs. 8 and 20 "140" and column 24 line 29-column 25 line 20), wherein said accepting unit accepts the storing instruction from the user in a period during which said display controlling unit effects a display which indicates that storing based on the print additional information is possible (see column 15 lines 5-45 and column 24 line 29-column 25 line 20). Ihara further discloses wherein the print additional information includes information indicating whether the printing data can be stored and a display which indicates that the printing data can be stored, on the basis of the print additional information (see Fig. 44, column 6 lines 36-44, column 10 lines 10-19 and 37-59, column 12 lines 52-62, and column 19 lines 38-57, reference shows that image data is stored prior to being printed).

Regarding claims 74 and 80, Narushima further discloses wherein in case that there are a plurality of types of print additional information to be displayed by said display device, said display controlling unit displays the respective display data associated with the plurality of types of print additional information so that the display of each of the respective display data is switched over there between at a predetermined time interval (see Fig. 10, column 13 lines 24-56, and column 15 line 5-column 16 line 45).

5. Claims 73 and 79 are rejected under 35 U.S.C. 103(a) as being unpatentable over Narushima and Ihara as applied to claims 69 and 75 above, and further in view of Nabeta (JP 07-076155).

Narushima and Ihara do not disclose expressly wherein the print additional information includes information for specifying a transmission period of time of the print data, and wherein said display controlling unit displays a print execution time of the print data on the basis of the transmission period.

Nabeta discloses wherein the print additional information includes information for specifying a transmission period of time of the print data, and wherein said display controlling unit displays a print execution time of the print data on the basis of the transmission period (see abstract and paragraphs [0005], [0006], and [0015]).

Narushima, Ihara, & Nabeta are combinable because they are from the same field of endeavor, displaying and printing of desired information.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the display of the wait time until a print job is complete, as described by Nabeta, with the system of Narushima and Ihara.

The suggestion/motivation for doing so would have been to provide a way to inform a user of the time it will take to print a job to alleviate the chance of a user accidentally trying to print an image a plurality of times.

Therefore, it would have been obvious to combine Nabeta with Narushima and Ihara to obtain the invention as specified in claims 73 and 79.



**Conclusion**


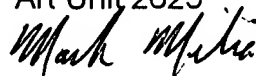
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571) 272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler M. Lamb can be reached at (571) 272-7406. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MRM

Mark R. Milia  
Examiner  
Art Unit 2625



TWYLER LAMB  
SUPERVISORY PATENT EXAMINER